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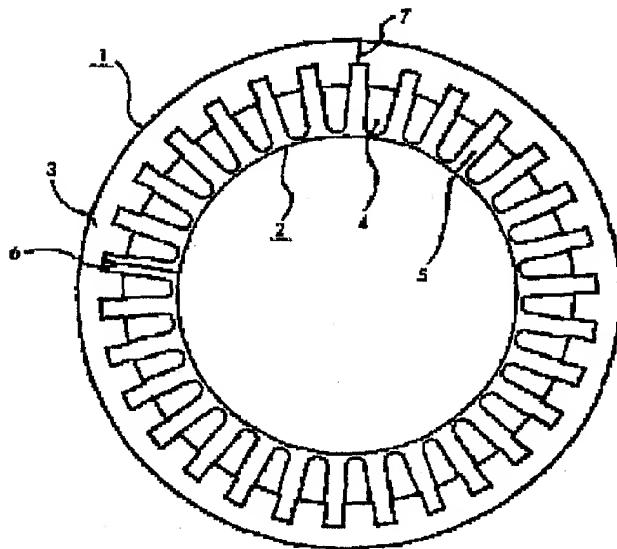
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APPLICANT : HITACHI LTD;

INVENTOR : SENOO MASAHIRO;

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TITLE : FORMATION OF CORE FOR
ELECTRIC ROTATING MACHINE



ABSTRACT : PROBLEM TO BE SOLVED: To enhance the availability of a steel plate, while localizing generation of magnetostriction by dividing a stator core into a ties core member and a core back core member and arranging the ties of another ties core member at the slot position of one ties core member and punching a steel plate.

SOLUTION: A stator core 1 comprises a stator ties core member 2 and a stator core back member 3 which are internally fitted with the stator ties core member 2. A large number of stator slots 4 and stator ties 5 are formed alternately in the stator ties core member 2. A grain-oriented electromagnetic steel plate, exhibiting magnetic directivity in the breadthwise direction, is employed as the material of the stator core 1. The stator ties core member 2 and the stator core back core member 3 are punched linearly from the grain-oriented electromagnetic steel plate and rounded by bending a specific part thereof before being laminated to a required thickness. Consequently, a stator ties abutting face 6 and a stator core back-abutting face 7 are provided.

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